

# FILE NOTATIONS

Entered in NID File ✓  
 Entered On S R Sheet 7  
 Location Map Pinned ✓  
 Card Indexed ✓  
 I W I for State or Fee Land \_\_\_\_\_

Checked by Chief PMB  
 Copy NID to Field Office ✓  
 Approval Letter \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 9-11-63 Location Inspected \_\_\_\_\_  
 OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_ Bond released \_\_\_\_\_  
 G.W. \_\_\_\_\_ OS \_\_\_\_\_ PA ✓ State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 1-13-64  
 Electric Logs (No. ) 3  
 E \_\_\_\_\_ I \_\_\_\_\_ E-I ✓ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro ✓  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others Impetuous

8-29-91  
 fee

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

14-20-603-383

UNITED STATES

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 214 Nav Tr 7

JUN 11 1963

P. T. McCLARY

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

NOTICE OF INTENTION TO DRILL <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF <u>JUN 11 1963</u>
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIRING _____
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____
NOTICE OF INTENTION TO ABANDON WELL _____	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 11, 1963

Well No. 2-5 is located 2000 ft. from SW line and 740 ft. from W line of sec. 5

SW 1/4 Sec. 5 43-S 21-E \_\_\_\_\_  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Chinle Wash San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ <sup>ground</sup> above sea level is 5080 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

It is our intention to drill this well to an estimated total depth of 5700'. We will run approximately 350' of 13-3/8" 48# H-40 surface casing cemented to surface. We will run approximately 3800' of 8-5/8" 36# J-55 intermediate casing if necessary to stop water flow or combat lost circulation. If commercial production is encountered, we will complete the well with a 5 1/2" 15.5# J-55 liner. In the event a water flow or lost circulation is not a problem, we will run a 5 1/2" 15.5# J-55 production string. Casing will be cemented with sufficient cement to conform to State regulations. Estimated formation tops are as follows:

Hermosa - 3930'	Paradox C - 4896'
Paradox A - 4750'	Paradox D - 5070'
Paradox B - 4880'	Lower Paradox - 5095'
Paradox A <sub>2</sub> - 4810'	TI - 5700'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MARATHON OIL COMPANY  
Address P. O. Box 120  
Casper, Wyoming  
By [Signature]  
Title Division Supt. of Operations

(SUBMIT IN TRIPPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

Lease No. 214 Nav Tr 7

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 11, 1963

Well No. 2-5 is located 2000 ft. from S line and 740 ft. from W line of sec. 5  
NE NW SW 1/4 Sec. 5 43-S 21-E  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Chinle Wash Field San Juan Utah  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ <sup>ground</sup> above sea level is 5080 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is our intention to drill this well to an estimated total depth of 5700'. We will run approximately 350' of 13-3/8" 48# H-40 surface casing cemented to surface. We will run approximately 3800' of 8-5/8" 36# J-55 intermediate casing if necessary to stop water flow or combat lost circulation. If commercial production is encountered, we will complete the well with a 5 1/2" 15.5# J-55 liner. In the event a water flow or lost circulation is not a problem, we will run a 5 1/2" 15.5# J-55 production string. Casing will be cemented with sufficient cement to conform to State regulations. Estimated formation tops are as follows:

Hermosa - 3930'	Paradox C - 4896'
Paradox A - 4750'	Paradox D - 5070'
Paradox B - 4880'	Lower Paradox - 5095'
Paradox A <sub>3</sub> - 4810'	TD - 5700'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MARATHON OIL COMPANY

Address P. O. Box 120  
Casper, Wyoming

By [Signature]  
 Title Division Supt. of Operations

2000  
740  
2740

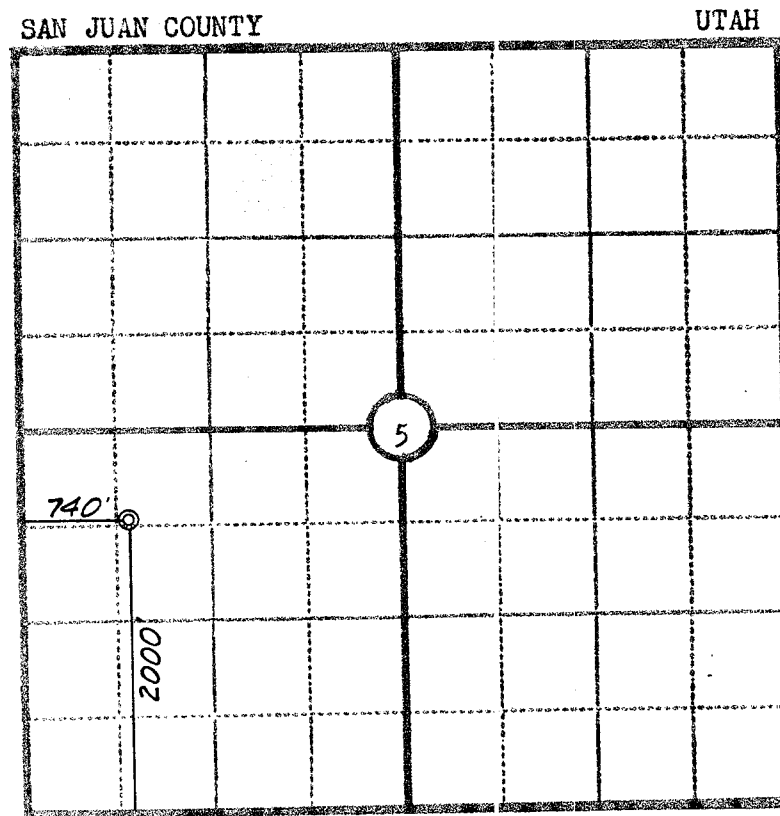
Company MARATHON OIL COMPANY

Lease NAVAJO Well No. 2-5

Sec. 5, T 43 SOUTH, R. 21 EAST

Location 2000' FROM THE SOUTH LINE AND 740' FROM THE WEST LINE

Elevation 5080'



Scale—4 inches equal 1 mile

This is to certify that the above plat was prepared from field note of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Leese*  
Registered Land Surveyor.  
James P. Leese  
Utah Reg. No. 1472



Surveyed 5 June, 1963

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

June 24, 1963

Marathon Oil Company  
P. O. Box 120  
Casper, Wyoming

Attention: Division Supt. of Operations

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo 2-5, which is to be located 2000 feet from the south line and 740 feet from the west line of Section 5, Township 43 South, Range 21 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
Office: DA 8-5771 or DA 8-5772  
Home: CR 7-2890  
Salt Lake City, Utah

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed

Marathon Oil Company

-2-

June 24, 1963

if water sands (aquifers) are encountered while drilling,  
particularly assessable near surface water sands.

Your cooperation with respect to completing this form  
will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

GLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cnp

Encls. (Forms)

cc: P. T. McGrath, District Engineer  
U. S. Geological Survey  
Farmington, New Mexico

H. L. Coonts, Petroleum Engineer  
Oil & Gas Conservation Commission  
Moab, Utah



MARATHON OIL COMPANY

FORMERLY THE OHIO OIL COMPANY

P. O. Box 120  
Casper, Wyoming  
July 11, 1963

The State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City 11, Utah

Gentlemen:

Enclosed is a resume of drilling operations on Water Well #2 located in Section 5, T43S, R21E, San Juan Co., Utah, furnished in accordance with Rule C-20 of the General Rules and Regulations and Rules of Practice and Procedure of your Commission.

The water from this well is to be used in connection with drilling operations on our well Navajo #2-5 located in the same Section, Township and Range.

Very truly yours,

H. J. BRUNT

Division Supt. of Operations

HJB/EFL:mb

MARATHON OIL COMPANY

Casper, Wyoming

RESUME OF DRILLING OPERATIONS

Water Well #2

(Sec. 5, T43S, R21E, San Juan Co., Utah)

6/29/63 - Spudded at 6:00 PM.

6/30/63 - TD 41' Navajo sandstone. Set 1 jt. (40') 9-5/8" casing cemented with 18 sacks w/4% CaCl<sub>2</sub>. Job completed at 12:00 noon.

7/1/63 - TD 100' fine red sand. 1 bbl. water per hr. at 95'.

7/2/63 - TD 213' fine red sand. Hole caving at 213' - caved back to 185'.

7/3/63 - TD 251' fine red sand. Fluid level standing at 90'. Cleaned out hole. Bailers tested 50 BPH. Ran 8 jts. 5 1/2" casing, landed at 247' GL. Released rig.



STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
State Capitol Building  
Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County San Juan Field or Lease Chinle Wash

The following is a correct report of operations and production (including drilling and producing wells) for

July, 19 63

Agent's address P. O. Box 120 Company Marathon Oil Company

Casper, Wyoming Signed HJ Brunter

Phone 23 5-2511 Agent's title Division Supt. of Operations  
Navajo Tribal

State Lease No. Federal Lease No. Indian Lease No. 14-20-603-388 Fee & Pat. ☐  
214 Nav Tr 7

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
SW¼ Sec. 5	43S	21E	2-5					TD 7/31/63 - 2475'.  Spudded 12 Midnight 7/23/63. 12½" hole.  7/24/25 - Drilled Sandstone. Ran 10 jts. 13-3/8", 48#, surface casing. Cemented w/300 sacks regular, 2% gel, and 2% CaCl2.  7/26-31 - Drilling shale. Sample Tops: Chinle - 950', De Chelly - 1978'. No shows.

NOTE: Report on this form as provided  
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection

(SUBMIT IN TRIPLICATE)

Indian Agency Nava jo

14-20-603-383

Allottee \_\_\_\_\_

Lease No. 214 Nav Tr 7

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Report of Intermediate Casing

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 9, 1963

Well No. 2-5 is located 2000 ft. from N line and 740 ft. from W line of sec. 5

SW $\frac{1}{4}$  Sec. 5  
( $\frac{1}{4}$  Sec. and Sec. No.)

43-S  
(Twp.)

21-E  
(Range)

(Meridian)

Chinle Wash  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the kelly bushing ~~derrick floor~~ above sea level is 5093 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

August 8, 1963. Ran 95 jts., 3596.23', effective length 3570.50', of 7-5/8" OD 26.40#, 8 rd. J-55 ST&C, condition 1 intermediate casing, landed from 11.95' KB to 3583.95' KB with Halliburton guide shoe - 1.50'. Circulated hole for 30 mins. Ran 10 bbls. of water ahead and cemented with 375 sacks 50-50 pozmix with 2% CaCl<sub>2</sub> and 1/4#/sak Flosele. Displaced with 168 bbls. water. Plug down at 12:45 AM, 8/9/63. Temperature Survey cement top at 2690'. Centralizers at 3579', 3484', 3323', 3169', 3038' and 2690'. Drilled out under intermediate string at 3:45 PM, 8/11/63.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MARATHON OIL COMPANY

Address P. O. Box 120

Casper, Wyoming

By [Signature]

Title Staff Assistant

(SUBMIT IN TRIPLICATE)

Indian Agency Nava jo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 214 Nav Tr 7

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of Surface Casing	XX

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 22, 19 63

Well No. 2-5 is located 2000 ft. from XX line and 740 ft. from W line of sec. 5

SW $\frac{1}{4}$  Sec. 5 43-S 21-E Utah  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Chinle Wash San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the kelly bushing derrick floor above sea level is 5093 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled 12 $\frac{1}{4}$ " hole to 345' and reamed to 17 $\frac{1}{4}$ " to 340' KB. Ran 10 jts. 13-3/8" OD 48# 8 rd. H-40 ST&C condition 1 casing, overall length - 323.42', effective length - 320.50', landed from 13.50' KB to 335' KB, with Baker guide shoe - 1.00'. 2 Baker centralizers at 330' and 77' KB. Circulated for 15 mins. Displaced with 52 BW, leaving 20' cement in casing. Good returns. Job completed at 5:30 AM, 7/25/63. Pressured blind rams and casing with 1000# for 1 $\frac{1}{2}$  hrs. Tested OK. Drilled out under surface at 1:00 PM, 7/26/63.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MARATHON OIL COMPANY

Address P. O. Box 120

Casper, Wyoming

By E. P. Lindahl

Title Staff Assistant

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
State Capitol Building  
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County San Juan Field or Lease Chinle Wash

The following is a correct report of operations and production (including drilling and producing wells) for

August, 1963

Agent's address P. O. Box 120 Company Marathon Oil Company

Casper, Wyoming

Signed E. R. Lindahl

Phone Area Code 307 23 5-2511 Agent's title Staff Assistant

Navajo Tribal

State Lease No. Federal Lease No. Indian Lease No. 14-20-603-383 Fee & Pat. ☐

214 Nav Tr 7

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
SW¼ Sec. 5	43S	21E	2-5					<p>TD 8/31/63 - 4926'</p> <p>8/1 thru 8/6/63 Drilled shale, sand, lime. Sample top Cutler 2990'.</p> <p>8/7 thru 8/31/63 Drilled to 3673'. Ran log tops as follows: Chinle 950', Moenkopi 1899', De Chelly 1982', Organ Rock 2035', Cutler 2999', and Cutler Marker 3557'. Ran 7-5/8" intermediate string from 11.95' to 3582'. Cemented w/375 sacks 50-50 pozmix. Rigged up to drill with gas. Had lost circulation trouble. Drilled to 4883'. Sample tops: Hermosa 4010', Paradox 4826'. Cored 4883-4926' TD. Cut 43', recovered 43'. Dense limestone w/scattered black shale partings, bleeding oil. Brown limestone w/vugs, porosity partially stained. From 4910-19' limestone w/scattered vugs, no shows. All porosity oil stained, looks wet. While preparing for drill stem test, stuck drill pipe, from 8/25 thru 8/31/63. Have been attempting to recover fish.</p>

NOTE: Report on this form as provided  
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection

(SUBMIT IN TRIPLICATE)

Indian Agency Nava jo

UNITED STATES

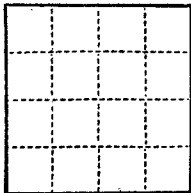
14-20-603-383

DEPARTMENT OF THE INTERIOR

Allottee \_\_\_\_\_

GEOLOGICAL SURVEY

Lease No. 214 Nav Tr 7



## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____ <b>XX</b>
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____
NOTICE OF INTENTION TO ABANDON WELL _____	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 25, 1963

Nava jo  
Well No. #2-5 is located 2000 ft. from IN line and 740 ft. from W line of sec. 5  
SW 1/4 Sec. 5 43-S 21-E  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Chinle Wash San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

kelly bushing  
The elevation of the ~~terrace floor~~ above sea level is 5093 ft.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Verbal permission to plug and abandon granted by John Ward.

At 7:00 PM, 9/10/63, went in open ended with 3 1/2" drill pipe to 3600' and pumped in 50 sacks 50-50 pozmix, 2% CaCl<sub>2</sub> and 1/4#/sack Flocale. Displaced with 5 BW. WOC 2 hrs. and tagged top of cement plug with wire line at 3610'. Fluid was being lost out of bottom of casing. Spotted 35 sack plug at 3400' inside casing and laid down drill pipe. Found free point on 7-5/8" casing at 1695'. Recovered 48 jts. 7-5/8" casing. Spotted 40 sack plug from 1695-1630' and 25 sack plug at base of 13-3/8" surface casing. Erected dry hole marker.

(See attached drawing of fish left in hole)

(Location has not yet been cleaned and made ready for inspection. We will notify you by letter as soon as it is ready).

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MARATHON OIL COMPANY

Address P.O. Box 120

Casper, Wyoming

By \_\_\_\_\_

Title Staff Assistant

(SUBMIT IN TRIPLICATE)

Indian Agency Nava jo

14-20-603-383

Allottee \_\_\_\_\_

Lease No. 214 Nav Tr 7

**APPROVED**

SEP 1 1963

RICHARD B. KRAHL  
ACTING DISTRICT ENGINEER

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	XX	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

**RECEIVED**

OCT 3 1963

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**September 25**

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

Nava jo  
#2-5  
Well No. \_\_\_\_\_ is located 2000 ft. from XX line and 740 ft. from XX line of sec. 5  
SW  $\frac{1}{4}$  Sec. 5 43-S 21-E  
(U. S. Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Chinle Wash San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

kelly bushing  
The elevation of the derrick floor above sea level is 5093 ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Due to our inability to recover fish lost in this well, it is our intention to plug and abandon as follows:

After running freepoint, we will recover as much of the 7-5/8" intermediate string as possible, then spot a 25 sack plug at top of fish, 10 sack plug at casing stub, 25 sack plug opposite the De Chelly, and a 10 sack plug at the bottom of the surface casing. We will not plug the top of the surface with cement.

Verbal permission to plug and abandon granted by John Ward.

Copy to U. S. Smelting Refining & Mining Co., Midland, Texas

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MARATHON OIL COMPANY

Address P. O. Box 120

Casper, Wyoming

By E. P. Linnell

Title Staff Assistant

(SUBMIT IN TRIPPLICATE)

Indian Agency **Nava jo**

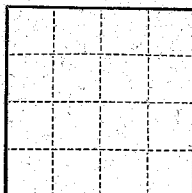
**14-20-603-383**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

**214 Nav Tr 7**

Lense No.



**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<b>XX</b>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**September 25**, 19 **63**

Well No. **Nava jo #2-5** is located **2000** ft. from **XX** line and **740** ft. from **XX** line of sec. **5**  
**SW 1/4 Sec. 5** **43-S** **21-E**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Chinle Wash** **San Juan** **Utah**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the **kelly bushing** ~~derrick floor~~ above sea level is **5093** ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Due to our inability to recover fish lost in this well, it is our intention to plug and abandon as follows:

After running freepoint, we will recover as much of the 7-5/8" intermediate string as possible, then spot a 25 sack plug at top of fish, 10 sack plug at casing stub, 25 sack plug opposite the De Chelly, and a 10 sack plug at the bottom of the surface casing. We will not plug the top of the surface with cement.

Verbal permission to plug and abandon granted by John Ward.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **MARATHON OIL COMPANY**

Address **P. O. Box 120**

**Casper, Wyoming**

By

Title **Staff Assistant**

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

State Capitol Building

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County San Juan Field or Lease Chinle Wash

The following is a correct report of operations and production (including drilling and producing wells) for September, 19 63.

Agent's address P. O.Box 120 Company Marathon Oil Company  
Casper, Wyoming Signed [Signature]

Phone Area Code 307 23 5-2511 Agent's title Staff Assistant  
Navajo Tribal

State Lease No. Federal Lease No. Indian Lease No. 14-20-603-383 Fee & Pat. ☐  
214 Nav Tr 7

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
SW¼ Sec. 5	43S	21E	2-5					TD 9/11/1963 - 4926'.  9/1 thru 9/10/1963: Attempting to recover stuck drill pipe.  9/11/63: Could not recover stuck drill pipe. Shot off casing and recovered 48 joints, approximately 1695' gross, of 7-5/8" casing. Spotted 40 sack cement plug at 1695' and 25 sack cement plug at base of surface casing at 335'. Put on dry hole marker and released rig at 8:00 PM, 9/11/1963. WELL PLUGGED AND ABANDONED 9/11/1963. Approximately 1875' of 7-5/8" casing left in hole.

NOTE: Report on this form as provided  
 for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
 SI-Shut In D-Dead  
 GI-Gas Injection TA-Temp. Aban.  
 WI-Water Injection



STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION

AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE: - The method and procedure for plugging a well shall be as follows:

- (a) The bottom of the hole shall be filled to, or a bridge shall be placed at the top of each producing formation open to the well bore, and in either event, a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.
- (b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh water bearing strata.
- (c) A plug shall be placed at or near the surface of the ground in each hole.
- (d) The interval between plugs shall be filled with heavy mud-laden fluid.
- (e) The hole shall be plugged with heavy mud up to the base of the surface string at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Chinle Wash County San Juan

Lease Name Navaio Well No. 2-5 Sec. 5 Twp. 43S R. 21E

Date well was plugged: September 11, 19 63

Was the well plugged according to regulations of the Commission: Yes

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole, (giving size, top and bottom elevations of each section of abandoned casing).

9-7/8" hole. 50 sack plug from 3500-3610'; 35 sack plug from 3365-3435', 40 sack plug from 1695-1630', 25 sack plug at 335' - base of surface casing, 1875.50' - 7-5/8" 26.4' J-55 casing left in hole.

Operator

E. F. Lindahl  
MARATHON OIL COMPANY

Address

P. O. Box 120

Casper, Wyoming

AFFIDAVIT

STATE OF ~~UTAH~~ WYOMING  
COUNTY OF Natrona

Before me, the undersigned authority on this day personally appeared E. F. Lindahl, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this 10th day of January, 19 64

My Commission Expires: Sept 21 - 1966

Bernard J. Howard  
NOTARY PUBLIC

INSTRUCTIONS: Complete this form in duplicate.

1 COPY E. N. - 40  
2 copies still

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
310 NEWHOUSE BUILDING  
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: NAVAJO #2-5 (EL. 5093 K.B.)  
Operator MARATHON OIL CO. Address: BOX 120 CASPER WYO 235-2511  
Contractor ASPEN DRILLING Co. Address: FARMINGTON, N.M. Phone 325-1906  
Location: SW 1/4 SW 1/4 Sec. 5 T43 R. 21 E SAN JUAN County, Utah.  
Water Sands:

Depth		Volume	Quality
From	To	Flow Rate or Head	Fresh or Salty
1. <u>240</u>	<u>250</u>	<u>PUMPED 50 BBLs/HOUR</u>	<u>FRESH</u>
2. <u>1982</u>	<u>APPROX 2000</u>	<u>EST. 1000' FLUID RISE TO FLOWING</u> <u>SEC REMARKS.</u>	<u>GASSY (SLIGHTLY)</u>
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops: ELECTRIC LOG SAMPLE TOPS  
 JURASSIC KAYENTA 250 (+4843) PENNSYLVANIAN HERMOSA 4010 (+1083)  
 TRIASSIC WINGATE 350 (+4743) PARADOX 4826 (+267)  
 " CHINLE 950 (+4143)  
 " MOENKOPI 1899 (+3194)  
 PERMIAN DeChelly 1982 (+3111)  
 " ORGAN ROCK 2305 (+2788)  
 PERMIAN CUTLER EVAPORITES 2999 (+2094)

Remarks:

THE PERMIAN DeChelly sandstone, topped at 1982' while drilling WAS NOT GAUGED FOR ACCURATE FLOW. HOWEVER, THERE WAS ENOUGH WATER TO CLEAR UP THE DRILLING MUD & AN OBVIOUS INCREASE OF FLUID IN THE PITS WAS NOTED. IN THE USSREM #1-A OHIO-NAVAJO WELL IN SECTION 4, T43S, R21E, IN THIS SAME DeChelly ZONE WE GOT AN ESTIMATED GAGE OF 60 TO 100 BBLs/HOUR WATER FLOW & IT IS ASSUMED THAT THIS WELL (#2-5) WILL FLOW ABOUT THE SAME.

NOTE: (a) Upon diminishing supply of forms, please inform the Commission  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

18N 21 1964

January 7, 1964

Marathon Oil Company  
P. O. Box 120  
Casper, Wyoming

Re: Well No. Navajo #2-5  
Sec. 5, T. 43 S., R. 21 E.,  
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Subsequent Report of Abandonment and Plugging of the above mentioned well is due and has not been filed with this Commission as required by Rule D-2, General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

Thank you for your attention to this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

cnp

January 7, 1964

Marathon Oil Company  
P. O. Box 120  
Casper, Wyoming

Attention: Staff Assistant

Re: Well No. Navajo #2-5  
Sec. 5, T. 43 S., R. 21 E.,  
San Juan County, Utah

Gentlemen:

This letter is to advise you the the well log and electric and/or radioactivity logs for the above mentioned well are due and have not been filed with this Commission as required by our rules and regulations.

Please complete the enclosed Forms OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your cooperation in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

cnp

Enclosure - Forms



# MARATHON OIL COMPANY

FORMERLY THE OHIO OIL COMPANY

P. O. Box 120  
Casper, Wyoming  
January 10, 1964

The State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Bldg., 10 Exchange Place  
Salt Lake City 11, Utah

Attention: Clarella N. Peck  
Records Clerk

Gentlemen:

In accordance with your letters of January 7, 1964, we are enclosing Forms OGCC-2, Affidavit and Record of Abandonment and Plugging, and OGCC-3, Well Completion or Recompletion Report and Log, on our Navajo #2-5 well.

We had not previously submitted these forms to your office as we had submitted Subsequent Report of Abandonment, Form 9-331b, and Log of Oil or Gas Well, Form 9-330, to the U. S. Geological Survey and believed they would send a copy of each of these forms to you. As far as the Subsequent Report of Abandonment is concerned, approval has not as yet been received from that office. They were notified by letter of December 18, 1963, that the location was ready for inspection so we expect to get their approval in the near future.

If we are mistaken in believing that the Survey will furnish you copies of Sundries, etc., which we submit to them, please advise and on any future wells we will send you copies direct.

The Electric Logs requested by you are being forwarded to you by another department in this office and you should receive them shortly.

Very truly yours,

H. J. BRUNT

Division Supt. of Operations

HJB/EFL:mb

P.S. To make certain your files are complete on this well, we are submitting copies of all Sundry Notices submitted to the Geological Survey on this well.

STATE OF UTAH

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

214 Navajo Tr 7

5. LEASE DESIGNATION AND SERIAL NO.

Navajo

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Navajo

8. FARM OR LEASE NAME

#2-5

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Sec. 5, T43S, R21E

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

San Juan

Utah

12. COUNTY OR PARISH

13. STATE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 120, Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 2000' FSL, 740' FWL, Sec. 5, T43S, R21E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPURRED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

7-23-63

8-24-63

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5093' KB, 5090' DF, 5081'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

4926' MD

0-4926'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction-Electrical, Microlog, Temperature Log, Caliper Log

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	335' KB	17 1/2"	300 sx reg., 2% gel, 2% CaCl	
7-5/8"	26.4#	11.95'-3583.95'	9-7/8"	375 sx 50-50 pozmix, 2% CaCl, 1/4#/sack Flocele	1695'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
None						P&A 9-11-63	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

C. F. Lindahl

TITLE

Staff Assistant

DATE January 10, 1964

\*(See Instructions and Spaces for Additional Data on Reverse Side)

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, Federal or State, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations, and pressure tests, and directional surveys, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Chinle	950'	1899'				
Moenkopi	1899'	1982'				
De Chelly	1982'	2305'				
Organ Rock	2305'	2999'				
Cutler Evaporites	2999'	3557'				
Middle Cutler	3557'	4010'				
Evaporites	4010'	4826'				
Hermosa	4826'	TD				
Paradox "A"						

Marathon Oil Company  
P. O. Box 120  
Casper, Wyoming

Gentlemen:

In answer to your letter of January 10, 1964,  
please be advised that the U. S. Geological Survey does  
not send us copies of reports received by them.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

cnp



January 15, 1964

Marathon Oil Company  
P. O. Box 120  
Casper, Wyoming

Re: Well No. Navajo #2-5  
Sec. 5, T. 43 S., R. 21 E.,  
San Juan County, Utah

Gentlemen:

We are in receipt of your well log for the above mentioned well. However, upon checking this information, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

cnp

Enclosure

COMMISSIONERS  
C. R. HENDERSON  
CHAIRMAN  
M. V. HATCH  
C. S. THOMSON  
B. H. CROFT  
C. P. OLSON

EXECUTIVE DIRECTOR  
C. B. FEIGHT

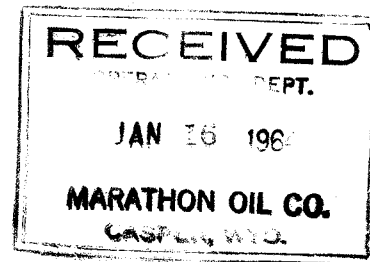


PETROLEUM ENGINEERS  
PAUL W. BURCHELL  
CHIEF ENGINEER  
SALT LAKE CITY  
HARVEY L. COONTS  
BOX 266  
MOAB, UTAH

THE STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

310 NEWHOUSE BUILDING  
10 EXCHANGE PLACE  
SALT LAKE CITY 11

January 15, 1964



Marathon Oil Company  
P. O. Box 120  
Casper, Wyoming

Re: Well No. Navajo #2-5  
Sec. 5, T. 43 S., R. 21 E.,  
San Juan County, Utah


Gentlemen:

We are in receipt of your well log for the above mentioned well. However, upon checking this information, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

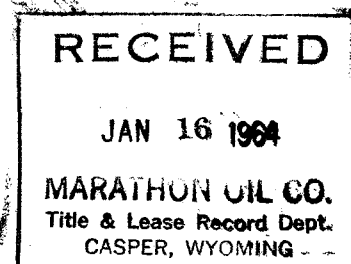
Very truly yours,

OIL & GAS CONSERVATION COMMISSION

  
CLARELLA N. PECK  
RECORDS CLERK

cnp

Enclosure





IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

P. O. Box 959  
Farmington, New Mexico

Mar. 2, 1964

Mr. Harvey Coonts  
Utah Oil & Gas Conservation Comm.  
Moab, Utah

Dear Harvey:

The following abandoned wells in San Juan Co., Utah were inspected and approved by this office during February:

~~Marathon Oil Co. No. 2-5, SW $\frac{1}{4}$  5-43S-21E~~  
~~Texaco Inc. No. 1 Navajo "AE", NW $\frac{1}{4}$  19-43S-21E~~  
Cities Service Oil Co. No. 1 Navajo "B", NW $\frac{1}{4}$  36-43S-20E

Very truly yours,

P. T. McGrath  
District Engineer